

S/N 09/964586

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Kristopher Frutschy et al.	Examiner:	Nitin Parekh
Serial No.:	09/964586	Group Art Unit:	2811
Filed:	September 28, 2001	Docket:	884.A93US1
Title:	ARRANGEMENTS TO SUPPLY POWER TO SEMICONDUCTOR PACKAGE		
Assignee:	Intel Corporation	Customer No.:	21186

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

RECEIVED
DEC 31 2003
TECHNOLOGY CENTER 2800

INFORMATION DISCLOSURE STATEMENT

Serial No :09/964586

Filing Date: September 28, 2001

Title: ARRANGEMENTS TO SUPPLY POWER TO SEMICONDUCTOR PACKAGE

Assignee: Intel Corporation

Page 2

Dkt: 884.A93US1 (INTEL)

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

KRISTOPHER FRUTSCHY ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Attorneys for Intel Corporation

P.O. Box 2938

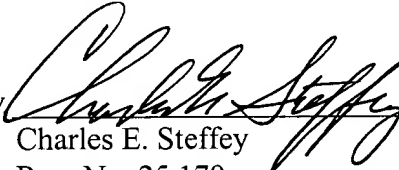
Minneapolis, Minnesota 55402

612-373-6970

Date

December 18, 2003

By



Charles E. Steffey

Reg. No. 25,179

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 18 day of December, 2003.

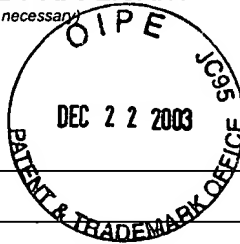
Name

KACIA LEE

Signature

Kacia Lee

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	09/964586
	Filing Date	September 28, 2001
	First Named Inventor	Frutschy, Kristopher
	Group Art Unit	2811
	Examiner Name	Parekh, Nitin
Sheet 1 of 1		Attorney Docket No: 884.A93US1



US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-2002/0140108	10/03/2002	Johnson, Eric A.	257	778	03/30/2001
	US-2002/0185724	12/12/2002	Forthun, John A., et al.	257	686	07/24/2002
	US-2002/0195270	12/26/2002	Okubora, Akihiko, et al.	174	260	08/22/2002
	US-2003/0000736	01/02/2003	Sathe, Ajit V.	174	255	06/29/2001
	US-5,724,230	03/03/1998	Poetzingner, Steven E.	361	758	06/21/1996
	US-5,898,571	04/27/1999	Mertol, Atila	361	704	04/28/1997
	US-5,990,418	11/23/1999	Bivona, Kevin G., et al.	174	52.4	07/29/1997
	US-6,037,193	03/14/2000	Interrante, Mario J., et al.	438	122	01/31/1997
	US-6,191,360	02/20/2001	Tao, Su, et al.	174	52.4	04/26/1999
	US-6,191,478	02/20/2001	Chen, K. H.	257	718	06/07/1999
	US-6,201,301	03/13/2001	Hoang, Lan H.	257	712	01/21/1998
	US-6,242,279	06/05/2001	Ho, Chung W., et al.	438	106	06/14/1999
	US-6,246,115	06/12/2001	Tang, T., et al.	257	706	10/21/1999
	US-6,271,058	08/07/2001	Yoshida, Yuichi	438	108	01/06/1999
	US-6,338,985	01/15/2002	Greenwood, Jonathon G.	438	126	02/04/2000

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	DE-19623826	12/18/1997	Huber, Michael, et al.	H01L	21/58	
	DE-4332115	03/23/1995	Karch, Martin, et al.	H05K	7/20	
	EP-0865082	09/16/1998	Shibamoto, Masanori, et al.	H01L	23/40	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Method of Heat Sinking an Array of Discrete Electronic Packages", Kenneth Mason Publications, Hampshire, GB, No. 342, Research disclosure, XP 000326724, (October 1, 1992), p. 803	

RECEIVED
 DEC 31 2003
 TECHNOLOGY CENTER 2800

EXAMINER

DATE CONSIDERED